Neuroscience Letters, 76 (1987) 374–378
Elsevier Scientific Publishers Ireland Ltd.

AUTHOR INDEX

Abercrombie, E.D. and Jacobs, B.L., Microinjected clonidine inhibits noradrenergic neurons of the locus coeruleus in freely moving cats, 203
Agnati, L.F., see Cintra, A., 269
Akaike, N., see Ikemoto, Y., 42
Anderson, P.N. and Turmaine, M., Peripheral nerve fibres regenerate through myenteric plexus, 129
Anzai, K., see Asanuma, A., 87
Aoki, M., see Ohtsuka, K., 173
Araki, M., see Kamo, H., 163
Asanuma, A., Horikoshi, T., Yanagisawa, K., Anzai, K. and Goto, S., The distribution of GABA and glycine response in the mouse brain using *Xenopus* oocytes, 87
Astion, M.L., Coles, J.A. and Orkand, R.K., Effects of bicarbonate on glial cell membrane potential in *Necturus* optic nerve, 47
Avoli, M. and Olivier, A., Bursting in human epileptogenic neocortex is depressed by an *N*-methyl-D-aspartate antagonist, 249

Baranowska, B., Gutkowska, J., Talbot, P., Genest, J. and Cantin, M., Plasma immunoreactive atrial natriuretic factor is inhibited by selective blockade of α_2-adrenergic receptors in conscious Sprague–Dawley rats, 119
Barber, D.L., see Buchan, A.M.J., 13
Battistini, S., see Villani, L., 263
Beach, T.G and McGeer, E.G., Tract-tracing with horseradish peroxidase in the postmortem human brain, 37
Beattie, M.S., Bresnahan, J.C., Mawe, G.M. and Finn, S., Distribution and ultrastructure of ventral root afferents to lamina I of the cat sacral spinal cord, 1
Becker, C.-M., see Rienitz, A., 91
Bell, K.A., see Steeves, J.D., 7
Berry, M., see Sievers, J., 157
Betz, H., see Rienitz, A., 91
Bissoli, R., see Villani, L., 263
Boyce, S., see Dexter, D.T., 368
Braak, E., see Braak, H., 124
Braak, H. and Braak, E., Argyrophilic grains: characteristic pathology of cerebral cortex in cases of adult onset dementia without Alzheimer changes, 124
Bresnahan, J.C., see Beattie, M.S., 1
Brodin, E., Linderoth, B., Gazelius, B. and Ungerstedt, U., In vivo release of substance P in cat dorsal horn studied with microdialysis, 357
Brown, D.A., see Gähwiler, B.H., 301
Buchan, A.M.J. and Barber, D.L., Neurotensin-containing neurons in the canine enteric innervation, 13
Buijs, R., see Papadopoulos, G.C., 275
Burkhart, D.S., see Schmechel, D.E., 233
Butcher, S.P., Jacobson, I., Sandberg, M., Hagberg, H. and Hamberger, A., 2-Amino-5-phosphonovalerate attenuates the severe hypoglycemia-induced loss of perforant path-evoked field potentials in the rat hippocampus, 296

Campbell Teskey, G., see Shivers, R.R., 25
Cantin, M., see Baranowska, B., 119
Carlton, S.M., Honda, C.N., Denoroy, L. and Willis, W.D., Jr., Descending phenylethanolamine-*N*-methyltransferase projections to the monkey spinal cord: an immunohistochemical double labeling study, 133
Cervos-Navarro, J., see Gertz, H.J., 228
Chan-Palay, V., see Köhler, C., 145
Chaudieu, I., Rondouin, G., Chicheportiche, M. and Chicheportiche, R., Presynaptic alteration of [^{3}H]GABA transport in hippocampus by amygdala kindling, 329
Cherubini, E., see King, A.E., 179
Chicheportiche, M., see Chaudieu, I., 329
Chicheportiche, R., see Chaudieu, I., 329
Chohan, K., see Sakanaka, M., 96
Choi, C.-l, see Wan, D.C.-C., 74
Cintra, A., Fuxe, K., Agnati, L.F., Persson, L., Härfstrand, A., Zoli, M., Eneroth, P. and Zini, I., Evidence for the existence of ornithine decarboxylase-immunoreactive neurons in the rat brain, 269
Coles, J.A., see Astion, M.L., 47
Contestabile, A., see Villani, L., 263

Daddona, P.E., see Staines, Wm.A., 257
Denoroy, L., see Carlton, S.M., 133
Dexter, D.T., Boyce, S., Jenner, P. and Marsden, C.D., Chronic trifluoperazine treatment does

not induce lipid peroxidation in the rat cortex, 368
Dietrich, L.H., see Walden, J., 53
Di Scala-Guenot, D., Strosser, M.T. and Richard, P., Electrical stimulations of perifused magnocellular nuclei in vitro elicit Ca^{2+}-dependent, tetrodotoxin-insensitive release of oxytocin and vasopressin, 209
Dockray, G.J., see Green, T., 151
Dubois, A.., see Motohashi, N., 339

Edamura, M., see Ohtsuka, K., 173
Eneroth, P., see Cintra, A., 269
Ewald, V., see Gertz, H.J., 228

Fagg, G.E., Phencyclidine and related drugs bind to the activated *N*-methyl-D-aspartate receptor-channel complex in rat brain membranes, 221
Finn, S., see Beattie, M.S., 1
Foster, A.C., Gill, R., Kemp, J.A. and Woodruff, G.N., Systemic administration of MK-801 prevents *N*-methyl-D-aspartate-induced neuronal degeneration in rat brain, 307
Fredholm, B., see Härfstrand, A., 185
Frilli, S., see Maggi, C.A., 351
Fukuda, J., see Kasai, H., 239
Furukawa, H., see Nabeshima, T., 335
Fuxe, K., see Cintra, A., 269
Fuxe, K., see Härfstrand, A., 185

Gage, F.H., see Peterson, G.M., 140
Gähwiler, B.H. and Brown, D.A., Muscarine affects calcium-currents in rat hippocampal pyramidal cells in vitro, 301
Gazelius, B., see Brodin, E., 357
Genest, J., see Baranowska, B., 119
Geppetti, P., see Maggi, C.A., 351
Gertz, H.J., Cervos-Navarro, J. and Ewald, V., The septo-hippocampal pathway in patients suffering from senile dementia of Alzheimer's type. Evidence for neuronal plasticity, 228
Ghersi-Egea, J.-F., see Walther, B., 58
Gibb, C., Willoughby, J., Glover, V., Sandler, M., Testa, B., Jenner, P. and Marsden, C.D., Analogues of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine as monoamine oxidase substrates: a second ring is not necessary, 316
Gill, R., see Foster, A.C., 307
Ginns, E.I., see Schmechel, D.E., 233
Glotzbach, S.F., Randall, T.L., Radeke, C.M. and Heller, H.C., Absence of a circadian rhythm of protein synthesis in the rat suprachiasmatic nucleus, 113
Glover, V., see Gibb, C., 316
Goto, S., see Asanuma, A., 87
Green, T. and Dockray, G.J., Calcitonin gene-related peptide and substance P in afferents to the upper gastrointestinal tract in the rat, 151
Greenberg, S., see Saito, K., 69
Gritti, I., Mariotti, M. and Mancia, M., Limbic and brainstem afferents to thalamic mediodorsal nucleus: a horseradish peroxidase study, 345
Guibert, B., see Leviel, V., 197
Gutkowska, J., see Baranowska, B., 119

Hagberg, H., see Butcher, S.P., 296
Hajós, M., see Wikberg, J.E.S., 63
Hamberger, A., see Butcher, S.P., 296
Hanamori, T. and Ishiko, N., Taste responses of Purkinje cells in the frog cerebellum, 285
Härfstrand, A., Fredholm, B. and Fuxe, K., Inhibitory effects of neuropeptide Y on cyclic AMP accumulation in slices of the nucleus tractus solitarius region of the rat, 185
Härfstrand, A., see Cintra, A., 269
Hausmann, B., see Sievers, J., 157
Heller, H.C., see Glotzbach, S.F., 113
Hiura, A. and Sakamoto, Y., Quantitative estimation of the effects of capsaicin on the mouse primary sensory neurons, 101
Honda, C.N., see Carlton, S.M., 133
Horikoshi, T., see Asanuma, A., 87
Hubbard, J.I., see Sibbald, J.R., 323
Hudson, P., see Wan, D.C.-C., 74

Ikeda, M., see Michael, A.C., 81
Ikemoto, Y., Akaike, N. and Ono, K., 4-Aminopyridine activates a cholinergic chloride conductance in isolated *Helix* neurons, 42
Ishikawa, K., see Nabeshima, T., 335
Ishiko, N., see Hanamori, T., 285

Jacobs, B.L., see Abercrombie, E.D., 203
Jacobson, I., see Butcher, S.P., 296
Jayyòsi, Z., see Walther, B., 58
Jenner, P., see Dexter, D.T., 368
Jenner, P., see Gibb, C., 316
Jolkkonen, J., Lehtinen, M., Soininen, H., Sennef, C. and Riekkinen, P., Enhanced monoaminergic neurotransmission by desglycinamide-arginine-vasopressin in human subjects, 312
Justice, J.B., Jr., see Michael, A.C., 81

Kameyama, T., see Nabeshima, T., 335
Kamo, H., Kim, S.U., McGeer, P.L., Araki, M., Tomimoto, H. and Kimura, H., Transplan-

tation of cultured human spinal cord cells into the rat motor cortex: use of *Phaseolus vulgaris* leucoagglutinin as a cell marker, 163
Kasai, H., Fukuda, J. and Segawa, K., Transformation of glial cells in mouse embryonic brain cells in vitro with simian virus 40, 239
Kashiwamata, S., see Katoh-Semba, R., 32
Katoh-Semba, R., Semba, R. and Kashiwamata, S., Age-dependent and selective binding of β-bungarotoxin to GABAergic neurons in the rat cerebellum, 32
Kavaliers, M., see Shivers, R.R., 25
Kawahara, K., see Ohtsuka, K., 173
Kemp, J.A., see Foster, A.C., 307
Kemplay, S.K., see Webster, K.E., 18
Khoory, R., Compensation of the natural magnetic field does not alter *N*-acetyltransferase activity and melatonin content of rat pineal gland, 215
Kim, S.U., see Kamo, H., 163
Kimura, H., see Kamo, H., 163
King, A.E., Cherubini, E. and Nistri, A., A study of amino acid-activated currents recorded from frog motoneurones in vitro, 179
Köhler, C., Radesäter, A.-C. and Chan-Palay, V., Distribution of neurotensin receptors in the primate hippocampal region: a quantitative autoradiographic study in the monkey and the postmortem human brain, 145

Lederis, K., see Sakanaka, M., 96
Lehtinen, M., see Jolkkonen, J., 312
Leviel, V. and Guibert, B., Involvement of intraterminal dopamine compartments in the amine release in the cat striatum, 197
Linderoth, B., see Brodin, E., 357
Livett, B.G., see Wan, D.C.-C., 74
Löschmann, P.-A., see Wachtel, H., 191

Maggi, C.A., Geppetti, P., Santicioli, P., Spillantini, M.G., Frilli, S. and Meli, A., The correlation between sensory-efferent functions mediated by the capsaicin-sensitive neurons and substrance P content of the rat urinary bladder, 351
Maisch, B., see Sandkühler, J., 168
Mancia, M., see Gritti, I., 345
Marangos, P.J., see Schmechel, D.E., 233
Mariotti, M., see Gritti, I., 345
Marsden, C.D., see Dexter, D.T., 368
Marsden, C.D., see Gibb, C., 316
Martin, B.M., see Schmechel, D.E., 233
Mawe, G.M., see Beattie, M.S., 1
McGeer, E.G., see Beach, T.G., 37
McGeer, P.L., see Kamo, H., 163
McMaster, D., see Sakanaka, M., 96
Meli, A., see Maggi, C.A., 351
Michael, A.C., Ikeda, M. and Justice, J.B., Jr., Dynamics of the recovery of releasable dopamine following electrical stimulation of the medial forebrain bundle, 81
Minn, A., see Walther, B., 58
Moskowitz, M.A., see Saito, K., 69
Motohashi, N., Dubois, A. and Scatton, B., Lesions of the posterior septum or of the habenula decrease [^{3}H]hemicholinium-3 binding (as measured by autoradiography) in the interpeduncular nucleus of the rat, 339

Nabeshima, T., Ishikawa, K., Yamaguchi, K., Furukawa, H. and Kameyama, T., Phencyclidine-induced head-twitch responses as 5-HT_2 receptor-mediated behavior in rats, 335
Nagy, J.I., see Staines, Wm.A., 257
Nistri, A., see King, A.E., 179

Ohtsuka, K., Edamura, M., Kawahara, K. and Aoki, M., The properties of goal-directed eye movements evoked by microstimulation of the cerebellar vermis in the cat, 173
Olivier, A., see Avoli, M., 249
Ono, K., see Ikemoto, Y., 42
Orkand, R.K., see Astion, M.L., 47

Papadopoulos, G.C., Parnavelas, J.G. and Buijs, R., Monoaminergic fibers form conventional synapses in the cerebral cortex, 275
Parnavelas, J.G., see Papadopoulos, G.C., 275
Pásaro, R., see Portillo, F., 280
Paulus, W., see Straube, A., 245
Pelletier, R.-M., see Shivers, R.R., 25
Persson, L., see Cintra, A., 269
Peterson, G.M., Williams, L.R., Varon, S. and Gage, F.H., Loss of GABAergic neurons in medial septum after fimbria-fornix transection, 140
Pittaluga, A. and Raiteri, M., GABAergic nerve terminals in rat hippocampus possess α_2-adrenoceptors regulating GABA release, 363
Portillo, F. and Pásaro, R., Axonal projections to the ventrolateral nucleus of the solitary tract revealed by double labelling of retrograde fluorescent markers in the cat, 280
Power, B., see Wan, D.C.-C., 74
Prato, F.S., see Shivers, R.R., 25
Probst, T., see Straube, A., 245

Radeke, C.M., see Glotzbach, S.F., 113
Radesäter, A.-C., see Köhler, C., 145
Raiteri, M., see Pittaluga, A., 363
Randall, T.L., see Glotzbach, S.F., 113
Rettig, K.-J., see Wachtel, H., 191
Richard, P., see Di Scala-Guenot, D., 209
Riekkinen, P., see Jolkkonen, J., 312
Rienitz, A., Becker, C.-M., Betz, H. and Schmitt, B., The chloride channel blocking agent, *t*-butyl bicyclophosphorothionate, binds to the γ-aminobutyric acid–benzodiazepine, but not to the glycine receptor in rodents, 91
Rondouin, G., see Chaudieu, I., 329
Roses, A.D., see Schmechel, D.E., 233
Russell, N.J.W., Schaible, H.-G. and Schmidt, R.F., Opiates inhibit the discharges of fine afferent units from inflamed knee joint of the cat, 107

Saito, K., Greenberg, S. and Moskowitz, M.A., Trigeminal origin of β-preprotachykinin products in feline pial blood vessels, 69
Sakamoto, Y., see Hiura, A., 101
Sakanaka, M., McMaster, D., Chohan, K., Shibasaki, T., Stell, W.K. and Lederis, K., Urotensin I-like immunoreactivity in amacrine cells of the goldfish retina, 96
Sandberg, M., see Butcher, S.P., 296
Sandkühler, J., Maisch, B. and Zimmermann, M., Raphe magnus-induced descending inhibition of spinal nociceptive neurons is mediated through contralateral spinal pathways in the cat, 168
Sandler, M., see Gibb, C., 316
Santicioli, P., see Maggi, C.A., 351
Scanlon, D., see Wan, D.C.-C., 74
Scatton, B., see Motohashi, N., 339
Schaible, H.-G., see Russell, N.J.W., 107
Schmechel, D.E., Marangos, P.J., Martin, B.M., Winfield, S., Burkhart, D.S., Roses, A.D. and Ginns, E.I., Localization of neuron-specific enolase (NSE) mRNA in human brain, 233
Schmidt, R.F., see Russell, N.J.W., 107
Schmitt, B., see Rienitz, A., 91
Schneider, H.H., see Wachtel, H., 191
Segawa, K., see Kasai, H., 239
Semba, R., see Katoh-Semba, R., 32
Sennef, C., see Jolkkonen, J., 312
Shibasaki, T., see Sakanaka, M., 96
Shivers, R.R., Kavaliers, M., Campbell Teskey, G., Prato, F.S. and Pelletier, R.-M., Magnetic resonance imaging temporarily alters blood–brain barrier permeability in the rat, 25
Sibbald, J.R., Sirett, N.E. and Hubbard, J.I., The influence of the estrous cycle, persistent estrus, ovariectomy and estrogen replacement, on the numbers and frequency of spontaneously active neurons in slices of the rat preoptic region in vitro, 323
Siest, G., see Walther, B., 58
Sievers, J., Hausmann, B., Unsicker, K. and Berry, M., Fibroblast growth factors promote the survival of adult rat retinal ganglion cells after transection of the optic nerve, 157
Sirett, N.E., see Sibbald, J.R., 323
Soininen, H., see Jolkkonen, J., 312
Speckmann, E.-J., see Walden, J., 53
Spillantini, M.G., see Maggi, C.A., 351
Staines, Wm.A., Yamamoto, T., Daddona, P.E. and Nagy, J.I., The hypothalamus receives major projections from the tuberomammillary nucleus in rat, 257
Steeves, J.D., Taccogna, C.A., Bell, K.A. and Vincent, S.R., Distribution of phenylethanolamine-*N*-methyltransferase (PNMT)-immunoreactive neurons in the avian brain, 7
Stell, W.K., see Sakanaka, M., 96
Straube, A., Paulus, W. and Probst, T., Influence of head or trunk oscillations on visually induced self-motion perception in humans, 245
Strosser, M.T., see Di Scala-Guenot, D., 209

Taccogna, C.A., see Steeves, J.D., 7
Takahashi, T., see Tsuruhara, H., 291
Talbot, P., see Baranowska, B., 119
Testa, B., see Gibb, C., 316
Tomimoto, H., see Kamo, H., 163
Tsuruhara, H. and Takahashi, T., Glial and potassium responses to an afferent volley: suppression by enkephalin in the rat spinal cord in vitro, 291
Turmaine, M., see Anderson, P.N., 129

Ungerstedt, U., see Brodin, E., 357
Unsicker, K., see Sievers, J., 157

Varon, S., see Peterson, G.M., 140
Villani, L., Battistini, S., Bissoli, R. and Constestabile, A., Cholinergic projections in the telencephalo-habenulo-interpeduncular system of the goldfish, 263
Vincent, S.R., see Steeves, J.D., 7

Wachtel, H., Löschmann, P.-A., Schneider, H.H. and Rettig, K.-J., Effects of forskolin on spontaneous behavior, rectal temperature and brain cAMP levels of rats: interaction with rolipram, 191
Walden, J., Dietrich, L.H. and Speckmann, E.-J.,

A long-lasting inward current induced by intracellular injection of calcium ions in identified neurons of *Helix pomatia*, 53
Walther, B., Ghersi-Egea, J.-F., Jayyòsi, Z., Minn, A. and Siest, G., Ethoxyresorufin *O*-deethylase activity in rat brain subcellular fractions, 58
Wan, D.C.-C., Scanlon, D., Power, B., Choi, C.-l, Hudson, P. and Livett, B.G., Synthesis of a specific oligodeoxyribonucleotide probe and its use for studying proenkephalin A gene expression, 74
Webster, K.E. and Kemplay, S.K., Distribution of primary afferent fibres from the forelimb of the rat to the upper cervical spinal cord in relation to the location of spinothalamic neuron populations, 18
Wikberg, J.E.S. and Hajós, M., Spinal cord α_2-adrenoceptors may be located postsynaptically with respect to primary sensory neurons: destruction of primary C-afferents with neonatal capsaicin does not affect the number of [^{3}H]clonidine binding sites in mice, 63
Williams, L.R., see Peterson, G.M., 140
Willis, W.D., Jr., see Carlton, S.M., 133
Willoughby, J., see Gibb, C., 316
Winfield, S., see Schmechel, D.E., 233
Woodruff, G.N., see Foster, A.C., 307

Yamaguchi, K., see Nabeshima, T., 335
Yamamoto, T., see Staines, Wm.A., 257
Yanagisawa, K., see Asanuma, A., 87

Zimmermann, M., see Sandkühler, J., 168
Zini, I., see Cintra, A., 269
Zoli, M., see Cintra, A., 269